



E2	1	ROBINSON, HERBERT N/IN
E3	0 -->	ROBINSON, HL/IN
E4	1	ROBINSON, HORACE JOHN/IN
E5	1	ROBINSON, HORACE M/IN
E6	1	ROBINSON, HOWARD KEITH/IN
E7	1	ROBINSON, HOWARD N/IN
E8	8	ROBINSON, HOWARD W/IN
E9	5	ROBINSON, HUGH/IN
E10	7	ROBINSON, HUGH A/IN
E11	1	ROBINSON, HUGH G/IN
E12	1	ROBINSON, HUGH J JR/IN

```
=> s dna(4w)transcriptional(4w)unit
      8877 DNA
      756 TRANSCRIPTIONAL
      516774 UNIT
L1      12 DNA(4W)TRANSCRIPTIONAL(4W)UNIT
```

```
=> s immunizing
L2      1663 IMMUNIZING
```

```
=> s 12 and 13
'L3' NOT FOUND
```

```
=> s 11 and 12
L3      0 L1 AND L2
```

```
=> d 11 cit 1-12
```

1. 5,223,605, Jun. 29, 1993, Interleukin-4 binding protein-.gamma.; William C. Fanslow, et al., 530/350; 435/69.1, 69.2; 530/351, 389.1, 395, 827; 930/141 [IMAGE AVAILABLE]

2. 5,194,375, Mar. 16, 1993, DNA encoding interleukin-7 receptors and methods of use; Linda S. Park, et al., 435/69.1, 252.3, 320.1; 530/350; 536/23.5, 24.31 [IMAGE AVAILABLE]

3. 5,171,675, Dec. 15, 1992, Macrophage colony stimulating factor-.gamma.; Douglas P. Cerretti, et al., 435/69.5, 320.1; 530/399 [IMAGE AVAILABLE]

4. 5,108,910, Apr. 28, 1992, DNA sequences encoding fusion proteins comprising GM-CSF and IL-3; Benson M. Curtis, et al., 435/69.7, 69.5, 69.52, 172.3, 320.1; 536/23.4, 23.51 [IMAGE AVAILABLE]

5. 5,106,733, Apr. 21, 1992, Bovine granulocyte-macrophage colony stimulating factor; Paul E. Baker, et al., 435/69.5, 240.1, 243, 320.1; 536/23.51, 24.1 [IMAGE AVAILABLE]

6. 5,081,228, Jan. 14, 1992, Interleukin-1 receptors; Steven K. Dower, et al., 530/351; 424/85.1, 85.2; 435/69.1, 69.5; 514/2, 8; 530/350, 395, 820 [IMAGE AVAILABLE]

7. 5,073,627, Dec. 17, 1991, Fusion proteins comprising GM-CSF and IL-3; Benson M. Curtis, et al., 530/351; 435/69.5, 69.52, 69.7; 530/402, 403, 404, 405, 808 [IMAGE AVAILABLE]

8. 4,968,607, Nov. 6, 1990, Interleukin-1 receptors; Steven K. Dower, et al., 435/69.1, 235.1, 240.1, 252.8, 255; 530/388.22, 399; 536/23.5, 23.51, 24.31 [IMAGE AVAILABLE]

9. 4,965,195, Oct. 23, 1990, Interleukin-7; Anthony E. Namen, et al., 435/69.52, 91, 172.1, 172.3, 320.1; 530/350, 351; 536/24.3, 24.31 [IMAGE AVAILABLE]

10. 4,863,481, Oct. 16, 1990, Promoter system; Jean P. deWille...

435/69.1, 70.1, 172.3, 320.1; 536/23.5, 24.1; 935/32, 36, 60, 70 [IMAGE AVAILABLE]

11. 4,894,333, Jan. 16, 1990, Bovine interleukin-1.alpha.; Douglas P. Cerretti, et al., 435/69.52, 172.1, 172.3, 252.8 [IMAGE AVAILABLE]

12. 4,835,098, May 30, 1989, Characterization of HLA alleles with locus-specific DNA probes; Harry T. Orr, et al., 435/6, 172.3; 436/63, 501, 808; 536/23.5, 24.3; 935/12, 29, 78 [IMAGE AVAILABLE]

=> s influenza

L4 1450 INFLUENZA

=> s l4 and antigen

10108 ANTIGEN

L5 623 L4 AND ANTIGEN

=> s l1 and l5

L6 0 L1 AND L5

=> s method an

L7 790481 METHOD

=> d his

(FILE 'USPAT' ENTERED AT 17:51:05 ON 11 AUG 93)

E ROBINSON, HL/IN

L1 12 S DNA(4W)TRANSCRIPTIONAL(4W)UNIT

L2 1663 S IMMUNIZING

L3 0 S L1 AND L2

L4 1450 S INFLUENZA

L5 623 S L4 AND ANTIGEN

L6 0 S L1 AND L5

L7 790481 S METHOD

=> s l2 and l7

L8 1585 L2 AND L7

=> s l8 and l4

L9 146 L8 AND L4

=> s l9 and l1

L10 0 L9 AND L1

=> log y

U.S. Patent & Trademark Office LOGOFF AT 17:56:16 ON 11 AUG 93

Dialog Information Services' DIALNET

-2030:01-002-

Enter Service:

Service: DIALOG

DIALNET: call connected

DIALOG INFORMATION SERVICES

PLEASE LOGON:

?\*\*\*\*\*

ENTER PASSWORD:

?\*\*\*\*\*

Welcome to DIALOG

Dialog level 31.07.01D

Last logoff: 11aug93 10:48:49

Logon file405 11aug93 16:58:32

\* \* \* Some Dialorder Suppliers have been cancelled: \* \* \*  
\* See Help SUPPLRS. \* \* \*  
\* \* \* \* \*  
\* Please note: Access phone number for DIALNET has \* \* \*  
\* changed in Columbus, Ohio to 614-764-0666 and in \* \* \*  
\* St. Louis, Mo. to 314-298-0600. \* \* \*

SYSTEM:HOME

Menu System II: D2 version 1.6.5 term=ASCII

\*\*\* DIALOG HOMEBASE Main Menu \*\*\*

Enter an option number and press ENTER to view information on any item listed below; enter a BEGIN command to search in a different database.

- 1 Announcements (new databases, price changes, etc.)
- 2 DIALOG HOMEBASE Features
- 3 DIALOG Free File of the Month
- 4 DIALOG Database Information and Rates
- 5 Database Selection (DIALINDEX/OneSearch Categories)
- 6 DIALOG Command Descriptions
- 7 DIALOG Training Schedules and Seminar Descriptions
- 8 DIALOG Services
- 9 Begin DIALOG Menus (sm)
- 10 Begin DIALOG Business Connection (r)

Enter an option number or a Begin command and press ENTER:  
/H =Help                    /L =Logoff                    /NOMENU =Command Mode

?begin biochem

11aug93 16:58:52 User214374 Session D299.1  
\$0.08      0.005 Hrs FileHomeBase  
\$0.08 Estimated cost FileHomeBase  
\$0.06 DIALNET  
\$0.14 Estimated cost this search  
\$0.14 Estimated total session cost      0.005 Hrs.

SYSTEM:OS - DIALOG OneSearch

File 5:BIOSIS PREVIEWS 69-93/JUL BA9605:BARRM4505  
(c) 1993 BIOSIS

\*\*FILE 5: Biosystematic Codes (BC=) for viruses have changed for 1993.  
Type ?NEWS5 for more information and a complete list of the new codes.

File 73:EMBASE (EXCERPTA MEDICA) 74-93/ISS32  
(c) 1993 ESP BV

\*\*FILE073: Truncate EMTREE Codes(e.g. DC=C1.120?) for complete retrieval.  
The 1993 Embase Thesaurus is now available.

File 76:Life Sciences Collection 1978-1993/Jun  
(c) 1993 Cambridge Sci Abs

File 125:CLAIM/U.S. PATENT ABS WEEKLY PN 5214797-5233709  
Jun 01 93-Aug 03 93

\*\*FILE125: All CLAIMS and All FRONT PAGE information available  
For file information, type ?NEWS125

File 144:PASCAL 1973-1993/Aug  
(c) 1993 INIST/CNRS

\*\*FILE144: Limit problem; see HELP NEWS144.

File 155:MEDLINE 1966-1993/SEP (9310W1)

File 156:TOXLINE 1965-1993/JUL

\*\*FILE156: Annual TOXLINE reload for 1993 is now available.

Prices have changed. See ?RATES156 for details.

File 305:Analytical Abstracts Online 1980-1993/Aug  
(c) 1993 Royal Soc Chemistry

File 340:CLAIMS/U.S. PATENT ABS PN 5214797-5233709

1950-JUN 93

\*\*FILE340: ALL CLAIMS and ALL FRONT PAGE info is available from  
PN 3552244 (1971-present). For file info, TYPE ?NEWS340.

File 350:Derwent World Patents Index  
1963-1980, EQUIVALENTS THRU DW=9320

\*\*FILE350: Format 9 includes the expanded patent table. Preformatted  
REPORTs are available. Type ?FMT350, ?NEWS350, ?RATES350 for more info.

File 351:DERWENT WORLD PATENTS INDEX-LATEST  
1981+;DW=9325,UA=9318,UM=9246

\*\*FILE351: Attention Derwent subscribers: Markush DARC on DIALOG is  
available. Begin WPILM to access.

File 357:Derwent Biotechnology Abs. 1982-1993/Aug  
(c) 1993 Derwent Pub. Ltd.

File 358:CURRENT BIOTECHNOLOGY ABS 1983-1993/AUG  
(COPR. 1993 ROYAL SOC CHEM)

File 399:CA SEARCH 1967-1993 UD=11904  
(COPR. 1993 BY THE AMER. CHEM. SOC.)

\*\*FILE399: Use is subject to the terms of your user/customer agreement.  
1) RANK DE now available. 2) Format 6 changed. Type HELP NEWS399.

File 434:SCISEARCH(R) 1974 - 9307W2  
(c) 1993 ISI Inc.

\*\*FILE434: Contains complete, merged SciSearch file  
\*\*Includes abstracts as of 1991

File 442:AMERICAN MEDICAL ASSOCIATION JOURNALS ONLINE  
(c)AMA 1993

FILE NOW CONTAINS 1992 DATA FOR JAMA.

File 444:New England Journal of Med. 1985-1993/Aug W1  
(c) 1993 Mass. Med. Soc.

ALERTS can now be set up in file 444.

Set	Items	Description
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-----	-------	-------

?s influenza(4w)antigen		
	96085	INFLUENZA
	885186	ANTIGEN
S1	1476	INFLUENZA(4W)ANTIGEN

?s hemagglutinin		
S2	71687	HEMAGGLUTININ

?s immunization		
S3	160170	IMMUNIZATION

?s method		
S4	3570422	METHOD

?s s1 and s2		
	1476	S1
	71687	S2
S5	416	S1 AND S2

?s s5 and s3		
	416	S5
	160170	S3
S6	26	S5 AND S3

?s s6 and s4		
--------------	--	--

Processing

Processed 10 of 17 files ...

Completed processing all files

	26	S6
--	----	----

	3570422	S4
--	---------	----

S7	0	S6 AND S4
----	---	-----------

?s DNA(4w)transcription(4w)unit		
---------------------------------	--	--

Processing

Processed 10 of 17 files ...

Processing

Completed processing all files

	1557968	DNA
--	---------	-----

	339579	TRANSCRIPTION
--	--------	---------------

	1212088	UNIT
--	---------	------

S8	181	DNA(4W)TRANSCRIPTION(4W)UNIT
----	-----	------------------------------

?ds

Set	Items	Description
S1	1476	INFLUENZA(4W)ANTIGEN
S2	71687	HEMAGGLUTININ
S3	160170	IMMUNIZATION
S4	3570422	METHOD
S5	416	S1 AND S2
S6	26	S5 AND S3
S7	0	S6 AND S4
S8	181	DNA(4W)TRANSCRIPTION(4W)UNIT

?s s5 and s8

416 S5

181 S8

S9 0 S5 AND S8

?sss3 and s4 and s8

Processing

Processed 10 of 17 files ...

Processing

Completed processing all files

160170 S3

3570422 S4

181 S8

S10 0 S3 AND S4 AND S8

?e au=robinson, hl

Ref	Items	Index-term
E1	1	AU=ROBINSON, HILARY
E2	1	AU=ROBINSON, HILDRED
E3	0	*AU=ROBINSON, HL
E4	2	AU=ROBINSON, HONOR M.
E5	1	AU=ROBINSON, HORACE MAYFIELD, JR.
E6	18	AU=ROBINSON, HOWARD
E7	1	AU=ROBINSON, HOWARD ADDISON
E8	1	AU=ROBINSON, HOWARD ADDISON
E9	3	AU=ROBINSON, HOWARD C.
E10	2	AU=ROBINSON, HOWARD D.
E11	1	AU=ROBINSON, HOWARD F.
E12	10	AU=ROBINSON, HOWARD H.

Enter P or PAGE for more

?e au=fynan, ef

Ref	Items	Index-term
E1	1	AU=FYNAN T.M.
E2	2	AU=FYNAN TM
E3	0	*AU=FYNAN, EF
E4	1	AU=FYNAUT C.
E5	1	AU=FYNBO HARTMAN
E6	2	AU=FYNBO KNUD HANSEN
E7	2	AU=FYNBO P
E8	10	AU=FYNBO P B
E9	9	AU=FYNBO PB
E10	5	AU=FYNBO, P. B.
E11	1	AU=FYNBO, PETER BILLE
E12	15	AU=FYNBOE C

Enter P or PAGE for more

?ds

Set	Items	Description
S1	1476	INFLUENZA(4W)ANTIGEN
S2	71687	HEMAGGLUTININ
S3	160170	IMMUNIZATION
S4	3570422	METHOD
S5	416	S1 AND S2

S6 26 S5 AND S3  
S7 0 S6 AND S4  
S8 181 DNA(4W)TRANSCRIPTION(4W)UNIT  
S9 0 S5 AND S8  
S10 0 S3 AND S4 AND S8

?s s1 and s8

1476 S1

181 S8

S11 0 S1 AND S8

?rd s8

>>>Duplicate detection is not supported for File 125.

>>>Duplicate detection is not supported for File 340.

>>>Duplicate detection is not supported for File 350.

>>>Duplicate detection is not supported for File 351.

>>>Records from unsupported files will be retained in the RD set.

...examined 50 records (50)

...examined 50 records (100)

...examined 50 records (150)

...completed examining records

S12 106 RD S8 (unique items)

?t s12/6/1-10

12/6/1 (Item 1 from file: 5)

10428291 BIOSIS Number: 96028291

DEMONSTRATION OF HUMAN INSULIN GENE EXPRESSION IN THE MEDIAL HABENULA OF  
TRANSGENIC MICE BY IN-SITU HYBRIDIZATION AND IMMUNOHISTOCHEMISTRY

12/6/2 (Item 2 from file: 5)

10416532 BIOSIS Number: 96016532

EXPRESSION OF THE DROSOPHILA OPTOMOTOR-BLIND GENE TRANSCRIPT IN NEURONAL  
AND GLIAL CELLS OF THE DEVELOPING NERVOUS SYSTEM

12/6/3 (Item 3 from file: 5)

10413488 BIOSIS Number: 96013488

PCR AMPLIFICATION OF THE 3' EXTERNAL TRANSCRIBED AND INTERGENIC SPACERS  
OF THE RIBOSOMAL DNA REPEAT UNIT IN THREE SPECIES OF SACCHAROMYCES

12/6/4 (Item 4 from file: 5)

10027400 BIOSIS Number: 95027400

YEAST SITE-SPECIFIC RIBONUCLEOPROTEIN ENDORIBONUCLEASE MRP CONTAINS AN  
RNA COMPONENT HOMOLOGOUS TO MAMMALIAN RNASE MRP RNA AND ESSENTIAL FOR CELL  
VIABILITY

12/6/5 (Item 5 from file: 5)

9590650 BIOSIS Number: 94095650

REGULATION AND EXPRESSION OF A GROWTH ARREST-SPECIFIC GENE GASS DURING  
GROWTH DIFFERENTIATION AND DEVELOPMENT

12/6/6 (Item 6 from file: 5)

9547586 BIOSIS Number: 94052586

ISOLATION AND CHARACTERIZATION OF COMPLEMENTARY DNA FOR N-CYM A GENE  
ENCODED BY THE THE DNA STRAND OPPOSITE TO N-MYC

12/6/7 (Item 7 from file: 5)

9511556 BIOSIS Number: 94016556

STRUCTURE AND EXPRESSION OF A CALCIUM-BINDING PROTEIN GENE CONTAINED  
WITHIN A CALMODULIN-REGULATED PROTEIN KINASE GENE

12/6/8 (Item 8 from file: 5)

9147834 BIOSIS Number: 93132834

SPIRONOLACTONE AN ALDOSTERONE ANTAGONIST ACTS AS AN  
ANTIGLUCOCORTICOSTEROID ON THE MOUSE MAMMARY TUMOR VIRUS PROMOTER

12/6/9 (Item 9 from file: 5)

9027262 BIOSIS Number: 93012262

ALTERNATE PROMOTER SELECTION WITHIN A HUMAN CYTOMEGALOVIRUS  
IMMEDIATE-EARLY AND EARLY TRANSCRIPTION UNIT UL119-115 DEFINES TRUE LATE  
TRANSCRIPTS CONTAINING OPEN READING FRAMES FOR PUTATIVE VIRAL GLYCOPROTEINS

12/6/10 (Item 10 from file: 5)  
8575238 BIOSIS Number: 92040238  
A GENERIC INTRON INCREASES GENE EXPRESSION IN TRANSGENIC MICE  
?t s12/5/9

12/5/9 (Item 9 from file: 5)  
9027262 BIOSIS Number: 93012262  
ALTERNATE PROMOTER SELECTION WITHIN A HUMAN CYTOMEGALOVIRUS  
IMMEDIATE-EARLY AND EARLY TRANSCRIPTION UNIT UL119-115 DEFINES TRUE LATE  
TRANSCRIPTS CONTAINING OPEN READING FRAMES FOR PUTATIVE VIRAL GLYCOPROTEINS

LEATHAM M P; WITTE P R; STINSKI M F  
DEP. MICROBIOL., SCH. MED., UNIV. IOWA, IOWA CITY, IOWA 52242.  
J VIROL 65 (11). 1991. 6144-6153. CODEN: JOVIA

Full Journal Title: Journal of Virology

Language: ENGLISH

Subfile: BA (Biological Abstracts)

The human cytomegalovirus open reading frames (ORFs) UL119 through UL115 (UL119-115) are located downstream of the immediate-early 1 and 2 transcription units. The promoter upstream of UL119 is active at all times after infection and drives the synthesis of a spliced 3.1-kb mRNA. The viral mRNA initiates in UL119, contains UL119-117 and UL116, and terminates just downstream of UL115. True late transcripts that are detected only after viral DNA synthesis originate from this transcription unit. True late mRNAs of 2.1 kb, containing ORF UL116 and UL115, and 1.2 Kb, containing ORF UL115 only, are synthesized. The true late viral mRNAs are 3' coterminal with the 3.1-kb mRNA. This transcription unit is an example of late promoters nested within an immediate-early-early transcription unit. The gene products of UL119-117, UL116, and UL115 are predicted to be glycoproteins. Efficient expression of the downstream ORFs at late times after infection may be related to alternate promoter usage and downstream cap site selection.

Descriptors/Keywords: ALTERNATE PROMOTER USAGE DOWNSTREAM CAPSITE SELECTION  
MOLECULAR SEQUENCE DATA AMINO ACID SEQUENCE

Concept Codes:

\*10062 Biochemical Studies-Nucleic Acids, Purines and Pyrimidines  
\*10064 Biochemical Studies-Proteins, Peptides and Amino Acids  
\*10506 Biophysics-Molecular Properties and Macromolecules  
\*31500 Genetics of Bacteria and Viruses  
\*33506 Virology-Animal Host Viruses  
10052 Biochemical Methods-Nucleic Acids, Purines and Pyrimidines  
10068 Biochemical Studies-Carbohydrates  
32000 Microbiological Apparatus, Methods and Media

Biosystematic Codes:

02220 Herpetoviridae and/or Herpesviridae (1979- )

Super Taxa:

Microorganisms; Viruses

?logoff

11aug93 17:09:47 User214374 Session D299.2

\$2.11 0.022 Hrs File5

\$0.90 1 Type(s) in Format 5

\$0.00 10 Type(s) in Format 6

\$0.90 11 Types

\$3.01 Estimated cost File5

\$1.51 0.014 Hrs File73

\$1.51 Estimated cost File73

\$0.63 0.007 Hrs File76

\$0.63 Estimated cost File76

\$0.30 0.002 Hrs File125

\$0.30 Estimated cost File125

\$0.78 0.013 Hrs File144

\$0.78 Estimated cost File144

\$0.53 0.015 Hrs File155



\$0.63 Estimated cost File155  
\$0.43 0.006 Hrs File156  
\$0.43 Estimated cost File156  
\$0.36 0.002 Hrs File305  
\$0.36 Estimated cost File305  
\$5.55 0.037 Hrs File340  
\$5.55 Estimated cost File340  
\$0.79 0.004 Hrs File350  
\$0.79 Estimated cost File350  
\$2.57 0.013 Hrs File351  
\$2.57 Estimated cost File351  
\$0.62 0.004 Hrs File357  
\$0.62 Estimated cost File357  
\$0.32 0.002 Hrs File358  
\$0.32 Estimated cost File358  
\$2.16 0.015 Hrs File399  
\$2.16 Estimated cost File399  
\$2.27 0.014 Hrs File434  
\$2.27 Estimated cost File434  
\$0.16 0.002 Hrs File442  
\$0.16 Estimated cost File442  
\$0.08 0.001 Hrs File444  
\$0.08 Estimated cost File444  
OneSearch, 17 files, 0.183 Hrs FileOS  
\$2.20 DIALNET  
\$24.37 Estimated cost this search  
\$24.51 Estimated total session cost 0.188 Hrs.  
Logoff: level 31.07.01 D 17:09:49

DIALNET: call cleared by request

Enter Service: